

FEB 24 2004

PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known

Application Number	10/671,141
Filing Date	09/25/2003
First Named Inventor	Hughes
Art Unit	3672
Examiner Name	
Attorney Docket Number	AHUG.015

Sheet	1	of	1
-------	---	----	---

U. S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	1*
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	MM-DD-YYYY			
JH		WO 92/04525	03/19/1992	Mohn	All	
JH		GB 2 110 270	06/15/1983	D'Arcy	All	

Examiner Signature	<i>[Signature]</i>	Date Considered	6-12-06
-----------------------	--------------------	--------------------	---------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ²Applicant's unique citation designation number (optional). ³See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ⁴Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁵For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁶Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁷Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Form PTO-1449 (Modified)	Docket No: AHUG.015	Serial No.: 10/671,141
List of Patents and Publications Cited by Applicant	Applicant: Hughes	
	Filing Date:	Group: 3679

U.S. Patent Documents						
Examiner Initial		Document No.	Date	Name	Class	Sub-Class
JH	AA	US 2002/0112852	08/2002	Floerke et al.	166	65.1
	AB	US 2002/0112861	08/2002	Restarick et al.	166	384
	AC	US 2002/0014334	02/2002	Chau et al.	166	65.1
	AD	US 2002/0014336	02/2002	Jones	166	341
	AE	US 2002/00114340	02/2002	Johnson	166	380
	AF	US 2002/0005282	01/2002	Holbert et al.	166	65.1
	AG	US 2002/0000317	01/2002	Rayssiguier et al.	166	285
	AH	6,332,499	12/2001	Kobylinski et al.	166	65.1
	AI	US 2001/0042617	11/2001	Beck et al.	166	65.1
	AJ	US 2001/0035288	11/2001	Brockman et al.	166	65.1
	AK	US 2001/0030047	10/2001	Chau et al.	166	378
	AL	6,302,797	10/2001	Driver	464	19
	AM	US 2001/0013411	08/2001	Beck et al.	166	65.1
	AN	6,209,632	04/2001	Holbert et al.	166	65.1
	AO	6,202,743	03/2001	Moore	166	65.1
	AP	6,186,249	02/2001	Bjornstad	175	320
	AQ	6,168,213	01/2001	Muller	285	391
	AU	6,123,561	09/2000	Turner et al.	439	194
	AR	6,116,658	09/2000	Bohlen	285	380
	AS	6,070,912	06/2000	Latham	285	61
	AT	5,984,006	11/1999	Read et al.	166	63
	AU	5,950,744	09/1999	Hughes	175	320
	AV	5,794,985	08/1998	Mallis	285	93
	AW	5,785,357	07/1998	Foster et al.	285	92
✓	AX	5,609,440	03/1997	Roche	405	158

✓	AY	5,474,334	12/1995	Eppink	285	184
	AZ	5,048,871	09/1991	Pheiffer et al.	285	39
	AAA	4,976,655	12/1990	Herbert, Sr.	464	16
	AAB	4,915,423	04/1990	Wallace	285	91
	AAC	4,534,585	08/1985	Saliger	285	92
	AAD	4,483,393	11/1984	More et al.	166	65
	AAE	4,099,745	07/1978	Cobbs	285	24
	AAF	4,051,696	10/1977	Mason et al.	64	23
	AAG	2,273,017	02/1942	Boynton	285	146
	AAH	1,781,091	11/1930	Wilson		
	AAI	1,438,751	12/1922	Des Isles		
	AAJ	1,054,812	03/1913	Zierath		
	AAK	Enviromental Applications of Horizontal Wells	11/1992	George J. Hall		
	AAL	Horizontal Systems: Technology for Shallow-Site Remediation	02/1993	Journal of Petroleum Technology		
	AAM	Smart Drilling with Electrical Drillstring	02/2003	Paul Lurie, Philip Head, Jackie E. Smith		
✓	AAN	Composite-lined Tubulars Can Lower Operating Expenses	07/2000	Kenneth Ross		

Foreign Patent Documents						
Examiner Initial		Document No.	Date	Country	Translation	
					Yes	No
	BA					
	BB					

Examiner: <i>J. M. L.</i>	Date Considered: 6-12-06
---------------------------	--------------------------

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known

Application Number	10/671.141
--------------------	------------

Filing Date	09/25/2003
-------------	------------

First Named Inventor	Hughes
----------------------	--------

Art Unit

Examiner Name

Attorney Docket Number	AHUG.015
------------------------	----------

Sheet	1	of	1
-------	---	----	---

U. S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

[illegible]

**Examiner
Signature**

$$t \in M.L$$
Date
Cons

6-12-06

EXAMINER: Initial reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND

T : Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.